

## G-479

41

Customer: Telesat Canada;  
E.D. Thompson

Payload Mgr: Brian Butters

NASA Tech Mgr: Robert Demorest

Mission: STS-61-B, November 26, 1985

"Towards a Better Mirror": Telesat Canada, Canada's domestic satellite carrier, sponsored a nationwide contest for high school students to propose a GAS experiment. Students from the Ecole Secondaire Charlebois in Ottawa presented the idea of fabricating mirrors in space. They suggested that in using a vapor deposition technique in the microgravity environment of space, a more uniform distribution of a reflective coating on a glass substrate could be achieved than possible on Earth.



*Students from Ecole Secondaire Charlebois prepared their "Towards a Better Mirror" payload.*